	Pro	Leu	Phe 595	-	Ala	Gly	Ser	Ile 600	Ser	Ser	Gly	Glu	Leu 605	-	Ile	Asp
5	Lys	Ile 610	Glu	Ile	Ile	Leu	Ala 615	Asp	Ala	Thr	Phe	Glu 620	Ala	Glu	Ser	Asp
10	Leu 625	Glu	Arg	Ala	Gln	Lys 630	Ala	Val	Asn	Ala	Leu 635	Phe	Thr	Ser	Ser	Asn 640
	Gln	Ile	Gly	Leu	Lys 645	Thr	Asp	Val	Thr	Asp 650	Tyr	His	Ile	Asp	Gln 655	Val
15	Ser	Asn	Leu	Val 660	Asp	Cys	Leu	Ser	Asp 665	Glu	Phe	Суз	Leu	Asp 670	Glu	Lys
	Arg	Glu	Leu 675	Ser	Glu	Lys	Val	Lys 680	His	Ala	Lys	Arg	Leu 685	Ser	Asp	Glu
20 \0 \0	Arg	Asn 690	Leu	Leu	Gln	Asp	Pro 695	Asn	Phe	Arg	Gly	Ile 700	Asn	Arg	Gln	Pro
25	Asp 705	Arg	Gly	Trp	Arg	Gly 710	Ser	Thr	Asp	Ile	Thr 715	Ile	Gln	Gly	Gly	Asp 720
range	Asp	Val	Phe	Lys	Glu 725	Asn	Tyr	Val	Thr	Leu 730	Pro	Gly	Thr	Val	Asp 735	Glu
30	Cys	Tyr	Pro	Thr 740	Tyr	Leu	Tyr	Gln	Lys 745	Ile	Asp	Glu	Ser	Lys 750	Leu	Lys
The state of the s	Ala	Tyr	Thr 755	Arg	Tyr	Glu	Leu	Arg 760	Gly	Tyr	Ile	Glu	Asp 765	Ser	Gln	Asp
35	Leu	Glu 770	Ile	Tyr	Leu	Ile	Arg 775	Tyr	Asn	Ala	Lys	His 780	Glu	Ile	Val	Asn
40	Val 785	Pro	Gly	Thr	Gly	Ser 790	Leu	Trp	Pro	Leu	Ser 795	Ala	Gln	Ser	Pro	Ile 800
	Gly	Lys	Cys	Gly	Glu 805	Pro	Asn	Arg	Cys	Ala 810	Pro	His	Leu	Glu	Trp 815	Asn
45	Pro	Asp	Leu	Asp 820	Cys	Ser	Cys	Arg	Asp 825	Gly	Glu	Lys	Суз	Ala 830	His	His
	Ser	His	His 835	Phe	Thr	Leu	Asp	Ile 840	Asp	Val	Gly	Cys	Thr 845	Asp	Leu	Asn
50	Glu	Asp 850	Leu	Gly	Val	Trp	Val 855	Ile	Phe	Lys	Ile	Lys 860	Thr	Gln	Asp	Gly
	His 865	Ala	Arg	Leu	Gly	Asn 870	Leu	Glu	Phe	Leu	Glu 875	Glu	Lys	Pro	Leu	Leu 880

	Gly	/ Glu	ı Ala	ı Leu	885		Va]	L Lys	: Arg	Ala 890		ı Lys	E Lys	Trp	Arg 895	Asp
5	Lys	Arg	g Glu	Lys 900		Gln	Leu	ı Glu	Thr 905		Ile	· Val	. Tyr	Lys 910		Ala
10	Lys	Glu	Ser 915		Asp	Ala	Leu	Phe 920		Asn	Ser	Gln	Tyr 925		Arg	Leu
	Gln	Val 930		Thr	Asn	Ile	Ala 935		Ile	His	Ala	Ala 940	Asp	Lys	Arg	Val
15	His 945	Arg	Ile	Arg	Glu	Ala 950	Tyr	Leu	Pro	Glu	Leu 955	Ser	Val	Ile	Pro	Gly 960
	Val	Asn	Ala	Ala	Ile 965	Phe	Glu	Glu	Leu	Glu 970	Gly	Arg	Ile	Phe	Thr 975	Ala
20 	Tyr	Ser	Leu	Tyr 980	Asp	Ala	Arg	Asn	Val 985	Ile	Lys	Asn	Gly	Asp 990	Phe	Asn
25	Asn	Gly	Leu 995	Leu	Cys	Trp	Asn	Val 1000		Gly	His	Val	Asp 1005		Glu	Glu
	Gln	Asn 101		His	Arg	Ser	Val 1015		Val	Ile	Pro	Glu 1020		Glu	Ala	Glu
30	Val 1025		Gln	Glu	Val	Arg 1030		Cys	Pro	Gly	Arg 1035		Tyr	Ile		Arg 1040
	Val	Thr	Ala	Tyr	Lys 1045		Gly	Tyr		Glu 1050		Cys	Val		Ile 1055	
3-5 	Glu	Ile	Glu	Asp 1060		Thr	Asp	Glu	Leu 1065		Phe	Ser	Asn	Cys 1070		Glu
40	Glu	Glu	Val 1075		Pro	Asn	Asn	Thr 1080		Thr	Cys	Asn	Asn 1085		Thr	Gly
	Thr	Gln 1090		Glu	Tyr		Gly 1095		Tyr	Thr	Ser	Arg 1100		Gln	Gly	Tyr
<b>1</b> 5	Asp 1105		Ala	Tyr		Asn 1110		Pro	Ser	Val	Pro 1115		Asp	Tyr		Ser 1120
	Val	Tyr	Glu		Lys 1125		Tyr	Thr		Gly 1130		Arg	Glu		Pro 1135	-
50	Glu	Ser	Asn	Arg 1140		Tyr	Gly	Asp	Tyr 1145		Pro	Leu	Pro	<b>Ala</b> 1150		Tyr
	Val	Thr	Lys 1155		Leu	Glu	Tyr	Phe 1160		Glu	Thr	Asp	Lys 1165		Trp	Ile

5	Leu Leu Met Glu Glu 1185															
10	(2) INFORMATION FOR SEQ ID NO:7:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 3567 base pairs  (B) TYPE: nucleic acid															
15			(	c) s	TRAN	nuc DEDN OGY :	ESS:	sin								
20	(ix) FEATURE: (A) NAME/KEY: CDS (B) LOCATION: 13567															
20 2		(xi	) SE	QUEN	CE D	ESCR:	IPTI	ON:	SEQ	ID N	0:7:					
25 25						CAA Gln										48
Here and the second sec						CTT Leu										96
						TCT Ser										144
35						GGA Gly										192
40						TCT Ser 70										240
45						AGA Arg										288
50						TTA Leu										336
-						GAT Asp										384

Glu Ile Gly Glu Thr Glu Gly Thr Phe Ile Val Asp Ser Val Glu Leu